

## REMARKS

The drawings have been objected to for failing to show a "vessel 110" in Figure 1. The drawings were further objected to for utilizing reference characters "404" and "406" to designate both "input electrodes" and "inlet A and inlet B." Claims 10-16 have been rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,623,203 to Ritter. Claims 19 and 20 have been rejected under 35 U.S.C. § 102(b) as being anticipated by European Patent No. 0580072A1 to Kunimatsu et al. Claim 18 was objected to for informalities related to clerical errors. Finally, claims 1-9 and 18 were found allowable over the prior art of record.

1. Amendment to Figure. 6

A replacement sheet of drawings is submitted herewith to correct a clerical error noted by the Examiner with respect to Figure 6. As filed, the specification discusses an SR flip flop 606 with a Set (S) input 604 and a reset (R) input 608. *See* specification as filed at 11, ll. 6-9. Amended Figure 6 has been corrected to add the reference character "606" and related lead line to identify the SR flip flop. No new matter has been introduced by this amendment to Figure 6, the acceptance of which is politely requested.

2. Amendments to the specification

The bulleted paragraph beginning at line 9 on page 7 of the specification as filed has been amended to delete the reference numeral "110" with respect to the term "vessel". It is noted that the term "vessel" is not an element in any of the instant claims. It is therefore believed that this amendment to the specification, together with the above-indicated amendment to Figure 6, should resolve all objections noted by the Examiner in paragraph 1 of the September 19, 2008, Action. No new matter has been introduced by this amendment, the acceptance of which is politely requested.

Additionally, the specification has been amended to correct another clerical error noted by the Examiner. Specifically, with regards to the paragraph beginning at line 9 on page 8 of the specification as filed, the last line of this paragraph incorrectly discussed "input electrodes 404,406". Within the immediately preceding line in this paragraph, it is

clear that the reference characters for the "input electrodes" should be "114,116", and not "404,406". Consequently, this paragraph has been amended so that the last sentence refers to "input electrodes 114,116". It is believed that this amendment addresses the Examiner's objection discussed in paragraph 2 of the September 19, 2008, Action. No new matter has been introduced by this amendment, the acceptance of which is politely requested.

3. Rejection of claims 10-16

To facilitate a quick allowance of the instant application, claims 10-16 are canceled without prejudice to their respective subject matter and therefore need no longer be considered.

4. Rejection of claims 19 and 20

To facilitate a quick allowance of the instant application, claims 19 and 20 are canceled without prejudice to their respective subject matter and therefore need no longer be considered.

5. Amendments to claim 18

Claim 18 has been amended to address a clerical error noted by the Examiner, as well as a clerical error discovered by the Applicant. Specifically, the term "assing" has been changed to "passing" as suggested by the Examiner. Additionally, the terminal conjunction "and" has been deleted from the third-to-last clause of claim 18 and inserted, with a semicolon, onto the terminal end of the second-to-last clause of the claim. It is believed that no new matter has been introduced by these amendments, and acceptance of these amendments is therefore politely requested.

## **CONCLUSION**

It is believed that the above amendments have addressed all objections and rejections raised by the Examiner. A quick allowance of the instant application as amended is therefore politely requested. Should the Examiner discover any other

problems or issues, the Examiner is encouraged to contact the Applicant's undersigned representative.

The USPTO is authorized to charge Deposit Account No. 50-1943 for any charges in connection with this matter.

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Respectfully submitted,

/Mord Michael Lewis/

Mord Michael Lewis  
Reg. No. 50,478  
Fox Rothschild LLP  
100 Park Ave., Suite 1500  
New York, NY 10017  
Tel.: 212-878-7932  
Fax: 212-692-0940  
mlewis@foxrothschild.com